

CLASSIFICATION:

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2004							
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-2 COMMUNICATIONS & ELECTRONICS EQUIPMENT						P-1 ITEM NOMENCLATURE SPQ-9B RADAR- 202600								
Program Element for Code B Items:						Other Related Program Elements								
		ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total		
QUANTITY														
COST (In Millions)						0.0	19.3	3.6	1.7	0.0	14.5	15.2	CONT	CONT
SPARES COST (In Millions)														
EMERGENCY RESPONSE FUND (In Millions)														
<p>* Funding for the SPQ 9B was budgeted in BLI 511000/05/06 prior to FY 2004</p> <p>DESCRIPTION: This program provides for procurement of equipment, materials and Ordnance Alterations (ORDALTS) to improve combat effectiveness of and maintain logistic supportability of Gun Fire Control Systems (GFCS) installed on 65 ships (65 MK 86) and 8 shore installations (8 MK 86).</p> <p>BR040 AN/SPQ-9B Radar - Procures AN/SPQ-9B Radars to add Anti-Ship Missile Defense (ASMD) capability which increases the radar's capability to detect and track low-flying, very small cross-section targets in natural and man-made clutter. Total inventory objective is 118, in the following ship classes: CG-47, DDG-51, CVN, LHD, DD-963, including Training unit, and LBTS. An FY 04 Congressional Plus Up provides for the procurement of transmitters.</p> <p>BR042 AN/SPQ-9B Engineering Change Proposals (ECPs) - Procures product improvements generated by ECPs; corrects problems reported by fleet units; upgrades unreliable components and replaces obsolete components and parts no longer in production for AN/SPQ-9B Radar.</p> <p>BR830 AN/SPQ-9B Production Support - Supports AN/SPQ-9B Radar program and contractor associated areas.</p> <p>BR900 AN/SPQ-9B Consulting Services Support - Supports AN/SPQ-9B Radar program with contractor associated areas.</p> <p>BR5IN/BR6IN - Installation of Equipments - Provides funding to install ORDALTS and AN/SPQ-9B Radars, field changes and other alterations in ships (Fleet Modernization Program - FMP) and shore sites (Non-fleet Modernization Program - NON-FMP)</p>														

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WEAPONS SYSTEM COST ANALYSIS P-5												DATE: FEBRUARY 2004			
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/ BA-2 COMMUNICATIONS & ELECTRONICS EQUIPMENT						P-1 ITEM NOMENCLATURE/SUBHEAD SPQ-9B RADAR - 202600						A2BR			
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
							FY 2003			FY 2004			FY 2005		
				Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	EQUIPMENT														
BR040	AN/SPQ-9B Radar	A								1	5,732	5,732			0
BR040	CFE--Transmitter Tech Refresh Backfits	A								8	1,213	9,700			
BR042	Engineering Change Proposals (ECPs)											732			249
BR830	AN/SPQ-9B Production Support											957			609
BR900	AN/SPQ-9B Consulting Services											0			0
	INSTALL														
BR5IN	Installation of Eqmt.-- FMP (AN/SPQ-9B)									1	725	725	3	909	2,726
BR6IN	Installation of Eqmt -- NON FMP (AN/SPQ-9B)									2	725	1,449			
	TOTAL											19,295			3,584
												19,295			3,584

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE FEBRUARY 2004			
B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/ BA-2 COMMUNICATIONS & ELECTRONICS EQUIPMENT					C. P-1 ITEM NOMENCLATURE SPQ-9B RADAR - 202600				SUBHEAD A2BR	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
FISCAL YEAR (04) BR040 AN/SPQ-9B Radar	1	5732	NAVSEA	May-03	SS/FFP	NORTHROP GRUMMAN NORDEN SYSTEMS, INC. MELVILLE, NY	Mar-04	Sep-05	YES	
BR040 Xmtr Tech Refresh Backfits	8	1213	NAVSEA	May-03	SS/FFP	NORTHROP GRUMMAN NORDEN SYSTEMS, INC.	Jul-04	Oct-05	YES	
D. REMARKS										

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P3A

INDIVIDUAL MODIFICATION

FEBRUARY 2004

MODELS OF SYSTEM AFFECTED: AN/SPQ-9B Radar

TYPE MODIFICATION: N/A

MODIFICATION TITLE: AN/SPQ-9B Radar

DESCRIPTION/JUSTIFICATION:

Adds Anti-Ship Missile Defense mode: detects and tracks low-flying, extremely small radar cross-section targets in clutter.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MS II 10/94; CA 10/94; CDR 7/95; LBTS DT 10/98; DT/OT FY03; MS III FY04

	FY 2001 & Prior		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY2009		TC	TOTAL		
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$		
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E	2	80.0	0	0.0	0	0.0	0	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	81.9
PROCUREMENT																						
INSTALLATION KITS																						
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT	6	30.6		0.0		0.0	1	5.7		0.0		0.0		0.0	2	12.9	2	13.1			11	62.3
EQUIPMENT NONRECURRING		9.4					8	9.7														9.4
ENGINEERING CHANGE ORDERS		12.8		0.0		0.0		0.7		0.2		0.0		0.0		0.6		0.4				14.9
DATA																						
TRAINING EQUIPMENT	2	9.7																			2	9.7
SUPPORT EQUIPMENT		8.5																				8.5
OTHER (PRODUCTION SUPPORT)		7.6						1.0		0.6		0.8		0.0		1.0		0.9				11.9
OTHER (CSS)		1.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0				1.6
OTHER (non-FMP Install)								1.5														0.7
INTERIM CONTRACTOR SUPPORT																						
INSTALL COST		2.4		0.0		0.0		0.7		2.7		0.9		0.0		0.0		0.8				7.6
TOTAL PROCUREMENT		82.6		0.0		0.0		19.3		3.5		1.7		0.0		14.5		15.2				126.6

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P3A (Continued)

MODELS OF SYSTEMS AFFECTED: AN/SPQ-9B MODIFICATION TITLE: AN/SPQ-9B

INSTALLATION INFORMATION: **ALTERATION INSTALLATION TEAM (AIT)**

METHOD OF IMPLEMENTATION: _____

ADMINISTRATIVE LEADTIME: _____

PRODUCTION LEADTIME: 18 Months

CONTRACT DATES: _____

FY 2002: Jul 02

FY 2003: Jul 02

DELIVERY DATE: _____

FY 2002: Jan 04

FY 2003: Jan 04

(\$ in Millions)

Cost:	FY2001 & Prior Years		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS	4	2.4																	4	2.4
FY 2002 EQUIPMENT																				
FY 2003 EQUIPMENT																				
FY 2004 EQUIPMENT							1	0.7											1	0.7
FY 2005 EQUIPMENT									3	2.7									3	2.7
FY 2006 EQUIPMENT											1	0.9							1	0.9
FY 2007 EQUIPMENT													0.0						0	0.0
FY 2008 EQUIPMENT														0.0					0	0.0
FY 2009 EQUIPMENT																	1	0.8	1	0.8
TO COMPLETE																				

INSTALLATION SCHEDULE:

		FY 2001 & Prior				FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009		TC	TOTAL
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2					
In		4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1					
Out		4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1						

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